

## HELLER FT 8000

**Kind :** Vertical machining center  
**Brand :** HELLER  
**Model :** FT 8000  
**Year :** 2015  
**Serial Nr:** 54439  
**Stock Nr :** P2384



### TECHNICAL DETAILS

- Number of axes	: 5
MILLING SPINDLE	
- Tool holder type	: SK50
- Spindle power	: 60 [kW]
- Spindle speeds	: 50-8000 [rpm]
- Gearbox	
- Speed ranges	: 2
LINEAR AXES	
- Travels on X/Y/Z axes	: 1250 / 1200 / 1400 [mm]
- Rapid traverses rates (X/Y/Z)	: 50 [m/min]
A ROTARY AXIS	
- Travel	: +15 / -190 [°]
- Indexing precision	: 0.001 [°]
B ROTARY AXIS	
- Travel	: (+/-) 360 [°]
- Indexing precision	: 0.001 [°]
- Cutting feed rate	: 10 [rpm]
TOOL CHANGER	
- Auto. Tool Changer type	: Loading arm
- Tool magazine capacity	: 50
- Tool exchange time	: 6.3 [sec]
TABLE	
- Table dimensions	: 1100 [mm]
- Maximum weight upon table	: 2000 [kg]

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- Maximum part dimensions (diameter x height) : 1810 x 1400 [mm]

**POWER SUPPLY**

- Supply voltage : 400 [V]

- Total installed power : 50 [kW]

**WEIGHT & DIMENSIONS**

- Machine floor space : 7400 X 5400 [mm]

- Machine height : 4800 [mm]

**MACHINE HOURS**

- Number of hours under power : 14238 [h]

**EQUIPMENT**

- CNC : Siemens 840 D SL

- Interface : Ethernet / RS232 / USB / PCMCIA

- Interactive programming : Shopmill

- Electronic handwheel

- Linear scales

- Rigid tapping

- 3 colors status lamp

- COOLANT TANK : 2450 [l]

\* with high-pressure pump : 50 [bars]

\* With cooling unit for coolant

\* With magnetic filter

\* With washing gun

- Coolant through spindle

- Micro-lubrication coolant

- Chips conveyor

- Oil mist extractor

- Spindle cooling unit

- Tool probe : Renishaw

- Workpiece probe : Renishaw

- Tool breakage detection

- Electric transformer

- Tool-holders